

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10801409
Filing Date	
First Named Inventor	Robert W. Allington
Art Unit	
Examiner Name	
Attorney Docket Number	2-1226-065

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
/D.C./	1.	US-	3,563,672	02-16-1971	Bergstrom	
	2.	US-	3,597,114	08-03-1971	Hrdina	
	3.	US-	3,787,882	01-22-1974	Fillmore	
	4.	US-	3,847,507	11-12-1974	Sakiyama	
	5.	US-	3,855,129	12-17-1974	Abrahams	
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	10.	US-	4,137,011	01-30-1979	Rock	
	11.	US-	4,155,683	05-22-1979	Mochizuki	
	12.	US-	4,180,375	12-25-1979	Magnussen	
	13.	US-	4,225,290	09-20-1980	Allington	
	14.	US-	4,233,156	11-11-1980	Tsukada	
	15.	US-	4,326,837	04-27-1982	Gilson	
	16.	US-	4,352,636	10-05-1982	Patterson	
	17.	US-	4,359,312	11-16-1982	Funke	
	18.	US-	4,420,393	12-13-1983	Smith	
	19.	US-	4,448,692	05-15-1984	Nakamoto	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENTS		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)					

Examiner Signature

/David Chong/

Date Considered

01/18/2008

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/D.C./ ↓	20	US- RE 31,586	05-15-1984	Magnussen	
	21	US- RE 31,608	06-19-1984	Magnussen	
	22	US- 4,600,365	07-15-1986	Riggenmann	
	23	US- 4,820,129	04-11-1989	Magnussen	
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	26	US- 5,755,559	05-26-1998	Allington	
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Examiner Signature	/David Chong/	Date Considered	01/18/2008
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Robert W. Allington

Art Unit

Examiner Name

Attorney Docket Number

2-1226-065

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/D.C./	1	J.B. CASTLEDINE, A.F. FELL, R. MODIN AND B. SELLBERG, "Assessment of chromatographic peak purity by means of multi-wavelength detection and correlation-based algorithms", <i>Journal of Chromatography</i> (1992), 10 pages	
	2	M. KALJURAND E. URBAS AND U. HALDNA, "Improvement of the performance of single-column ion chromatography by computerized detector signal processing and correlation chromatography", <i>Journal of Chromatography</i> (1994), 6 pages (copy)	
	3	HUGGINS Z. MSIMANGA AND PETER E. STURROCK, "Application of Factor Analysis on High-Performance Liquid Chromatography Data Using a Swept-Potential Electrochemical Detection System", <i>American Chemical Society</i> 1990, 7 pages (copy)	
	4	J. IVASK AND M. KALJURAND, "Reduction of the detection limits of anions in polar ice core analysis using correlation ion chromatography with detector signal processing", <i>Journal of Chromatography</i> (1999), 5 sheets (copy)	
	5	RUTH KULDVEE, MIKKEL KALJURAND, HENRI C. SMIT, "Correlation and digital signal processing techniques for the reduction of detection limits of bromate and bromide in model water samples by ion chromatography with direct ultraviolet detection", <i>Journal of Chromatography</i> (1997), 11 sheets (copy)	
	6	"A multiple-input digital correlator for the weak light scattering signals of chromatographic detectors", (Rev. Sci. Instrum. 65 (1), January 1994)), 2 sheets (copy)	
	7	TH. HANKEMEIJER, J. ROZENBRAND, M. ABHADUR, J.J. VREULS, U.A. TH. BRINKMAN, "Data Correlation in On-Line Solid-Phase Extraction-Gas Chromatography - Atomic Emission/Mass Spectrometric Detection of Unknown Microcontaminants", ( <i>Chromatographia</i> Vol. 48, No. 4, August 1998)	
✓	8	ROBERT EDWARD McKEAN, Ph.D., "Improving the signal-to-noise ratio by cross-correlation in flow injection analysis and high-performance liquid chromatography", dated 1990, 207 pages (copy)	

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